

Please type a plus sign (+) inside this box

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449APTO

Complete if Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

Application Number 10/036,912
Filing Date December 21, 2001
First Named Inventor Steven Thomas Perri
Group Art Unit 1625
Examiner Name Unassigned
Attorney Docket Number 32887-268168 (71511)
Express Mail Certificate EV 032 197 091 US

RECEIVED
MAY 08 2002
CHIEF OF CENTER 1600/2901

U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication Cited Document MM-DD-YYYY | Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|----------------------|-----------------------------------|---|---|--|
| | | Number | Kind Code ² (if known) | | | |
| B.D. | 1 | 2,265,121 | | Reichstein, T. | 12-02-41 | |
| | 2 | 2,462,251 | | Bassford, H.H. et al | 02-22-49 | |
| | 3 | 2,491,065 | | van Eekelen, M. et al. | 12-13-49 | |
| | 4 | 4,767,870 | | Fujiwara, Y. et al. | 08-30-88 | |
| | 5 | 5,128,487 | | Tomislav, K. et al. | 07-07-92 | |
| | 6 | 5,391,770 | | Le Fur, I. et al. | 02-21-95 | |
| | 7 | 5,744,618 | | Fecht, U. et al. | 04-28-98 | |
| | 8 | 5,817,238 | | Makino, K. et al. | 10-06-98 | |
| | 9 | 6,004,445 | | Genders, J.D. et al. | 12-21-99 | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
|--------------------|-----------------------|-------------------------|-------------------------|-----------------------------------|---|--|---|----------------|
| | | Office ³ | Number ⁴ | Kind Code ² (if known) | | | | |
| B.D. | 10 | BP | 428,815 | | Reichsten, T. | 05-20-35 | | ✓ |
| | 11 | DE | 3843389 + (translation) | | BASF AG | 06-28-90 | | ✓ |
| | 12 | EP | 0554090 | A2 | Kabushiki Kaisha Hayashibara Seibutsu Kagaku Kenkyujo | 04-08-93 | | ✓ |
| | 13 | GB | 1,222,322 | | Slaska, P. et al. | 02-10-71 | | ✓ |
| | 14 | GB | 2,034,315 | | VEB Jenepharm | 06-04-80 | | ✓ |
| | 15 | JP-B | 48015931 aka 73015931 | | Takeda Chem. Inc. Ltd. | | | ✓ |
| | 16 | WO | 87/00839 | | The Lubrizol Corporation | 02-12-87 | | ✓ |
| | 17 | WO | 97/13761 | | Yissum Research Development Company | 04-17-97 | | ✓ |
| | 18 | WO | 99/07691 | | Merck Patent GMBH | 02-18-99 | | ✓ |
| | 19 | DE | 19734086 | C1 | Merck Patent GmbH | 8-13-98 | | ✓ |
| | 20 | WO | 00/46216 | | Merck Patent GMBH | 08-10-00 | | ✓ |
| Examiner Signature | | B. Denty | | | | Date Considered | 10/14/2002 | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the missings of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

✦

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

(use as many sheets as necessary)

| | | | |
|-------|---|----|---|
| Sheet | 2 | of | 2 |
|-------|---|----|---|

| | |
|---------------------------------|----------------------|
| Application Number | 10/036,912 |
| Filing Date | December 21, 2001 |
| First Named Inventor | Steven Thomas Perri |
| Group Art Unit | 1625 |
| Examiner Name | Unassigned |
| Attorney Docket Number | 32887-268168 (71511) |
| Express Mail Certificate | EV 032 197 091 US |

TECH CENTER 1600/2900

MAY 08 2002

RECEIVED

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

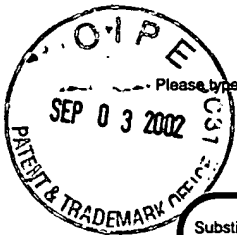
[illegible]Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the missings of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

32887-268168
WINLIB01:937581.1



Please type a plus sign (+) inside this box



#5

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. P.O. Box 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449APTO

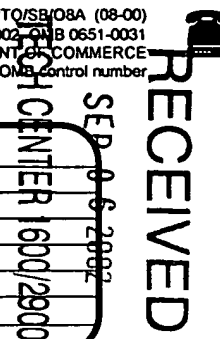
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

| | |
|------------------------|------------------------|
| Application Number | 10/036,912 |
| Filing Date | December 21, 2001 |
| First Named Inventor | Steven T. Perri |
| Group Art Unit | 1625 |
| Examiner Name | Unassigned |
| Attorney Docket Number | 32887-268168 (E 71511) |

| | | | | | |
|-------|---|----|---|--------------------------|----------------|
| Sheet | 1 | of | 1 | Express Mail Certificate | EV 032 108 794 |
|-------|---|----|---|--------------------------|----------------|



| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|-----------------------|----------------------|-----------------------------------|---|--|--|
| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear |
| | | Number | Kind Code ² (if known) | | | |
| BD | 1 | 6,197,977 | B1 | Andreas Böttcher et al. | 03-06-01 | |
| | | | | | | |
| | | | | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | | | |
|--------------------------|-----------------------|-------------------------|---------------------|-----------------------------------|---|--|---|----------------|--|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ³ | |
| | | Office ³ | Number ⁴ | Kind Code ² (if known) | | | | | |
| BD | 2 | EP | 1 048 663 A1 | | BASF Aktiengesellschaft | 11-02-00 | English see US 6,197,977 B1 | | |
| BD | 3 | DE | 199 04 821 C1 | | Merck Patent GmbH | 07-06-00 | English Abstract see WO 00/46216 | | |
| BD | 4 | WO | 00/46216 | | Merck Patent GmbH | 08-10-00 | | ✓ | |
| | | | | | | | | | |
| | | | | | | | | | |

| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS | | | |
|---|-----------------------|---|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| BD | 5 | PCT Notification of Transmittal of the International Search Report for PCT/US01/49859 (filed December 21, 2001), "Process for Producing Ascorbic Acid in the Presence of a Sulfit", mailed April 22, 2002, and published July 4, 2002 | ✓ |
| | | | |
| | | | |
| | | | |

| | | | |
|--------------------|-----------------|-----------------|-----------|
| Examiner Signature | <i>B. Bontz</i> | Date Considered | 10-4-2002 |
|--------------------|-----------------|-----------------|-----------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformation and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.



Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. 32887-268168 WINLIB01:966573.1